

BUFFER DATA										
BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	—
LENGTH (feet)	55	85	120	170	220	280	335	415	485	—
PROTECTIVE VEHICLE ROLL AHEAD DISTANCE = R										
VEHICLE TYPE	TYPICAL VEHICLE LOADED WEIGHT (LBS)		POSTED SPEED (mph)		STATIONARY OPERATION (feet)					
4 YARD DUMP TRUCK	24,000		60-65		100					
			50-55		75					
			45		50					
2 TON CARGO TRUCK	15,000		60-65		150					
			50-55		100					
			45		75					
1 TON CARGO TRUCK	10,000		60-65		200					
			50-55		150					
			45		100					
ROLL AHEAD STOPPING DISTANCE ASSUMES DRY PAVEMENT.										

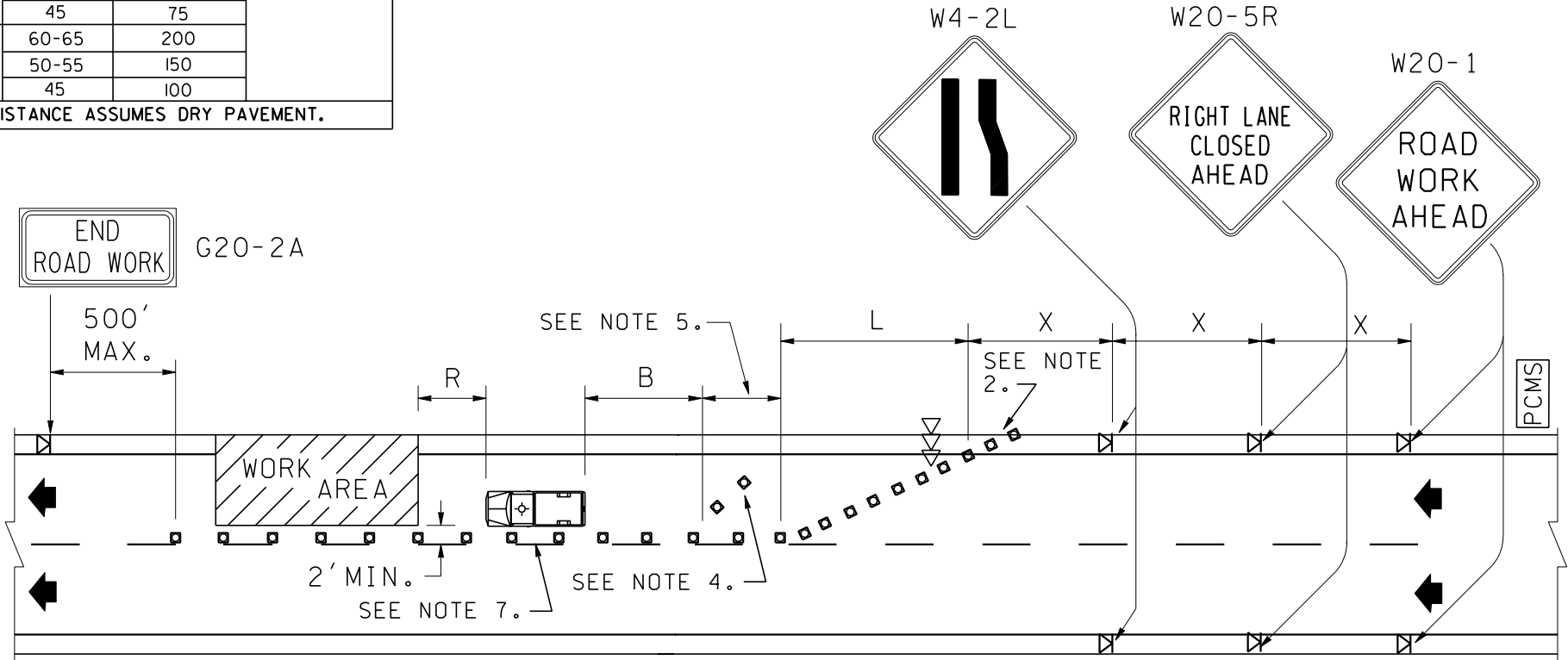
CHANNELIZING DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

MINIMUM TAPER LENGTH = L (FEET)										
LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	
10	105	150	205	270	450	500	550	—	—	
11	115	165	225	295	495	550	605	660	—	
12	125	180	245	320	540	600	660	720	780	

NOTES

1. EXTEND DEVICE TAPER ACROSS SHOULDER.
2. DEVICES SHOULD NOT ENCROACH INTO ADJACENT LANES.
3. INSTALL PORTABLE CHANGEABLE MESSAGE SIGN (WHEN SPECIFIED) APPROXIMATELY 1 MILE IN ADVANCE OF LANE CLOSURE.
4. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000' +/-
5. TRAFFIC SAFETY DRUMS RECOMMENDED FOR HIGH SPEED ROADWAYS AND IN TAPER SECTIONS. USE (IN LIEU OF CONES).
6. ANALYZE THE TRAFFIC VOLUMES TO DETERMINE WORK HOURS TO MINIMIZE TRAFFIC IMPACTS.
7. A TEMPORARY RIGHT EDGE LINE IS REQUIRED FOR A LONG TERM CLOSURE.

SIGN SPACING = X (FEET)		
Rural Roads	45/65 MPH	500'+-
Urban Arterials & Rural Roads	35/40 MPH	350'+-
Rural Roads Urban Streets Residential Areas & Business Districts	25/30 MPH	200'+-
All signs are black on orange unless otherwise designated.		



LEGEND

- SIGN LOCATION-TRIPOD MOUNTED
- SEQUENTIAL ARROW SIGN
- TEMPORARY TRAFFIC CONTROL DEVICES
- PROTECTIVE VEHICLE (WHEN SPECIFIED IN CONTRACT)
- PROTECTIVE VEHICLE WITH TRUCK MOUNTED ATTENUATOR (WHEN SPECIFIED IN CONTRACT FOR HIGH SPEED ROADWAYS)
- PORTABLE CHANGEABLE MESSAGE SIGN (WHEN SPECIFIED IN CONTRACT)

PCMS	
1	2
RIGHT LANE CLOSED	1 MILE AHEAD
1.5 SEC	1.5 SEC



RIGHT LANE CLOSURE
FOR DIVIDED HIGHWAY
STANDARD PLAN K-6

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Harold J. Peterfeso 12-20-02

STATE DESIGN ENGINEER

DATE



Washington State Department of Transportation

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.